

In the Abstract:

ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A method of automatically classifying alerts issued by intrusion detection sensors (11a, 11b, 11c) of an information security system (1) for producing collated alerts, each alert being defined by a plurality of qualitative attributes (a_1, \dots, a_n) belonging to a plurality of attribute domains (A_1, \dots, A_n) , ~~which method comprises the following steps:~~ organizing the attributes Attributes belonging to each attribute domain are organized into a hierarchical structure $[[;]]$. ~~constructing for~~ For each alert issued by the intrusion detection sensors (11a, 11b, 11c), a trellis specific to that alert is constructed by generalizing each alert in accordance with each of its attributes and at all the levels of the hierarchical structure $[[;]]$ ~~iteratively merging each.~~ Each specific trellis is iteratively merged into a general trellis $[[;]]$. ~~identifying collated~~ Collated alerts in the general trellis are identified by selecting the alerts that are simultaneously the most pertinent and the most general; ~~and supplying the~~ The collated alerts are supplied to an output unit (23) of an alert management system (13).